EU-funded I.FAST project challenge students to find new and innovative societal applications for accelerators.

The EU-funded I.FAST project announces the first edition of its Challenge-Based Innovation (CBI) programme. In summer 2022, for nine days, I.FAST will bring together Master-level students to explore innovative ways in which accelerators and related technologies could be used to meet societal challenges related to Horizon Europe's missions. The topic of the 2022 edition will be "Accelerators for the environment".

I.FAST will select about 24 students from different nationalities and disciplines (physics/engineering, environmental sciences, economics/business and law). The candidates must be proficient in English and above all motivated to work in an interdisciplinary group on complex subjects. They will follow a training programme with expert speakers and, in 3 groups, will work on projects that propose innovative solutions to environmental problems based on particle-accelerator technologies. The programme includes a visit to CERN and will conclude with presentation of the projects to a panel of experts gathered on Thursday 4 August in CERN's main auditorium.

Accommodation and meal costs are covered by the project, as well as travel expenses to and from Archamps (Geneva airport) up to a limit of €250. The deadline for applying is February 28.

Who can apply?

Applications are welcome from all applicants. Preference will be given to students in the second cycle of university studies (typically between the 3rd and 5th year of university) and priority will be given to those studying in universities located in countries members of I.FAST (see list at https://ifast-project.eu/participants).

Language:

All activities will be held in English.

How to apply?

To apply fill the form at http://www.ifast-cbi.particle-accelerators.eu/application/

Application deadline:

The application form has to be submitted before February 28th 23:59, Geneva time.
Calendar:

- 28th February: Application deadline
- 31st March: Successful applicants are notified.
- 5th July: Online meeting, “Getting to know each other”.
- 5th-22nd July: Series of online seminar to learn about accelerators and their environmental applications.
- Tuesday 26th July to Thursday 4th August (morning): Stay at the European Scientific Institute in Archamps.
- Thursday 4th August: Presentation at CERN, award ceremony and visit of CERN.

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Inform him in case you apply for the programme.

See the article for further details:

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I.FAST page: https://ifast-project.eu/